

## CLAIMS

1           1. A method for operating a personal digital assistant (PDA), the PDA including  
2 a lid, a power button, a processor, a memory, and a plurality of applications stored in  
3 the memory, the method comprising:  
4           responsive to the lid being opened, activating the device and executing by the  
5           processor a first application stored in the memory of the PDA; and  
6           responsive to activation of the power button, activating the device and executing  
7           by the processor a second application stored in the memory of the PDA.

1           2. The method of claim 1, wherein the first application and the second  
2 application are the same application.

1           3. The method of claim 1, wherein the PDA additionally includes a jog rocker,  
2 and further comprising:  
3           responsive to activation of the jog rocker, activating the device and executing by  
4           the processor a second application stored in the memory of the PDA.

1           4. A method for operating a personal digital assistant (PDA), the PDA including  
2 a lid, a jog rocker, a processor, a memory, and a plurality of applications stored in the  
3 memory, the method comprising:  
4           responsive to the lid being opened, activating the device and executing by the  
5           processor a first application stored in the memory of the PDA; and  
6           responsive to activation of the jog rocker, activating the device and executing by  
7           the processor a second application stored in the memory of the PDA.

1           5. The method of claim 4, wherein the PDA further includes at least one  
2 application button, the method further comprising:  
3 responsive to activation of one of the application buttons, activating the device  
4 and executing by the processor a second application stored in the memory of  
5 the PDA, the second application associated with the activated application  
6 button.

1           6. The method of claim 4, wherein the plurality of applications stored in the  
2 memory includes an alarm application, and the method further comprises:  
3 responsive to a signal from the alarm application, activating the device and  
4 executing by the processor the alarm application.

1           7. A method for operating a personal digital assistant (PDA), the PDA including  
2 a lid, at least one application button, a processor, a memory, and a plurality of  
3 applications stored in the memory, the method comprising:  
4 responsive to the lid being opened, activating the device and executing by the  
5 processor a first application stored in the memory of the PDA; and  
6 responsive to activation of one of the application buttons, activating the device  
7 and executing by the processor a second application stored in the memory of  
8 the PDA, the second application associated with the activated application  
9 button.

1           8. The method of claim 7, wherein the PDA additionally includes a power  
2 button, the method further comprising:  
3 responsive to activation of the power button, activating the device and executing  
4 by the processor a second application stored in the memory of the PDA.

1           9. A method for operating a personal digital assistant (PDA), the PDA including  
2 a lid, a processor, a memory, and a plurality of applications stored in the memory, the  
3 plurality of applications stored in the memory including an alarm application, the  
4 method comprising:

5           responsive to the lid being opened, activating the device and executing by the  
6 processor a first application stored in the memory of the PDA; and  
7 responsive to a signal from the alarm application, activating the device and  
8 executing by the processor the alarm application.

1           10. The method of claim 9, wherein the PDA additionally includes a power  
2 button, the method further comprising:

3           responsive to activation of the power button, activating the device and executing  
4 by the processor a second application stored in the memory of the PDA.

1           11. The method of claim 9, wherein the, wherein the PDA further includes at  
2 least one application button, the method further comprising:

3           responsive to activation of one of the application buttons, activating the device  
4 and executing by the processor a second application stored in the memory of  
5 the PDA, the second application associated with the activated application  
6 button.

1           12. A method for operating a personal digital assistant (PDA), the PDA powered  
2 on and including a lid, a power button, a processor, a memory, a wireless  
3 communication module operable independently from the processor, and a plurality of  
4 applications stored in the memory, the method comprising:

5           receiving a telephone call on the wireless communication module;  
6 providing indicia that the telephone call is being received;

7 responsive to actuation of the power button, ceasing to provide the indicia that  
8 the telephone call is being received without deactivating the PDA.

1 13. A method for activating a personal digital assistant (PDA), the PDA  
2 including a wireless communication module, a lid, a processor, a memory, and a  
3 plurality of applications stored in the memory, the plurality of applications stored in the  
4 memory including an alarm application, the method comprising:  
5 receiving a first press of the power button;  
6 activating the PDA; and  
7 responsive to the first press of the power button exceeding a threshold time,  
8 activating the wireless communication module.

1 14. The method of claim 13, further comprising:  
2 responsive to the first press of the power button not exceeding the threshold  
3 time, beginning a first countdown; and  
4 responsive to a second press of the power button during the first countdown,  
5 turning on a backlight of the PDA.

1 15. The method of claim 14, further comprising:  
2 beginning a second countdown;  
3 responsive to a third press of the power button during the countdown, inverting  
4 a display of the PDA.

1 16. A method for turning off a personal digital assistant (PDA), the PDA  
2 including a wireless communication module, a lid, a processor, a memory, and a  
3 plurality of applications stored in the memory, the plurality of applications stored in the  
4 memory including an alarm application, the method comprising:  
5 receiving a first press of the power button;

6 determining whether a length of time of the first press of the power button  
7 exceeds a threshold time;  
8 responsive to the first press of the power button exceeding the threshold time,  
9 activating the wireless communication module.

1 17. The method of claim 16 further comprising:  
2 responsive to the first press of the power button not exceeding the threshold  
3 time, beginning a first countdown; and  
4 responsive to a second press of the power button during the first countdown,  
5 turning on a backlight of the PDA.

1 18. The method of claim 17, further comprising:  
2 beginning a second countdown;  
3 responsive to a third press of the power button during the countdown, inverting  
4 a display of the PDA.

1 19. The method of claim 16, further comprising:  
2 responsive to the first press of the power button not exceeding the threshold  
3 time, beginning a first countdown; and  
4 responsive to not receiving a second press of the power button during the first  
5 countdown, turning off the PDA.

1 20. A method for operating a personal digital assistant (PDA), the PDA  
2 including a lid, a wireless communication module, a processor, a memory, and a  
3 plurality of applications stored in the memory, the method comprising:  
4 determining that the lid has been opened;  
5 responsive to the lid having been opened:  
6 turning on the PDA; and

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7 launching one of the plurality of applications.

1 21. A method for operating a personal digital assistant (PDA), the PDA  
2 including a lid, a wireless communication module, a processor, a memory, and a  
3 plurality of applications stored in the memory, the method comprising:  
4 receiving an incoming call by the wireless communication module while the lid  
5 is closed;  
6 determining that the lid has been opened;  
7 determining a time interval between the receiving of the incoming call and the  
8 opening of the lid; and  
9 responsive to the time interval exceeding a threshold time interval, answering  
10 the call.

1 22. A method for operating a personal digital assistant (PDA), the PDA  
2 including a lid, a wireless communication module, a processor, a memory, and a  
3 plurality of applications stored in the memory, the method comprising:  
4 receiving an incoming call by the wireless communication module while the lid  
5 is open;  
6 providing indicia that the incoming call is being received;  
7 determining that the lid has been closed;  
8 determining a time interval between the providing of the indicia and the closing  
9 of the lid; and  
10 responsive to the time interval exceeding a threshold time interval, ceasing to  
11 provide the indicia.

1 23. The method of claim 22 further comprising turning off the PDA.

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1           24. The method of claim 22 wherein the indicia that the incoming call is being  
2 received includes an audible ring.

1           25. The method of claim 22 wherein the indicia that the incoming call is being  
2 received includes vibrating the PDA.

1           26. A method for operating a personal digital assistant (PDA), the PDA  
2 including a display, a lid, a wireless communication module, a processor, a memory,  
3 and a plurality of applications stored in the memory, the lid in an open position, the  
4 wireless communication module engaged in an active call, the method comprising:  
5           determining that the lid has been closed;  
6           providing a confirmation on the display of the PDA that the active call will be  
7 disconnected; and  
8           responsive to receiving a user response to the confirmation within a specific time  
9 interval, not disconnecting the call.

1           27. The method of claim 26, further comprising:  
2 responsive to not receiving a user response within the specific time interval,  
3           disconnecting the call.

1           28. The method of claim 27, further comprising turning off the PDA.

1           29. An integrated personal digital assistant (PDA) comprising:  
2 a base;  
3 a processor, for executing software instructions on the PDA;  
4 a memory, for storing software instructions to be executed by the processor;  
5 a plurality of applications stored in the memory,

6 a lid, coupled to the base, for activating the device when opened, and causing the  
7 processor to execute a first application stored in the memory; and  
8 a power button, coupled to the base, for activating the device when pressed, and  
9 causing the processor to execute a second application stored in the memory.

1 30. A computer program product stored on a computer readable medium for  
2 operating an integrated personal digital assistant (PDA) device, the computer program  
3 product controlling a processor coupled to the medium to perform the operations of:  
4 responsive to a lid of the device being opened, activating the device and  
5 executing a first application stored in the memory of the device; and  
6 responsive to activation of the power button, activating the device and executing  
7 a second application stored in the memory of the device.

1 31. A personal digital assistant (PDA), comprising:  
2 a wireless communication module configured to produce a ring tone on the  
3 PDA;  
4 a processor;  
5 a memory;  
6 a speaker;  
7 an operating system stored in the memory and executed by the processor;  
8 a plurality of applications stored in the memory and executed by the processor,  
9 each application adapted to output an audio signal via the speaker by  
10 signaling the operating system;  
11 a ringer switch having at least a first position and a second position, the position  
12 of the switch communicated to the operating system, wherein in the first  
13 position, the operating system enables the speaker to produce audio tones  
14 from the applications and in the second position the operating system



15            disables the speaker to prevent the speaker from producing audio tones from  
16            the applications

1            32. The system of claim 31 wherein in the first position, the operating system  
2            enables the wireless communication module to produce the ring tone, and in the second  
3            position the operating system disables the speaker to prevent the speaker from  
4            producing the ring tone from the wireless communication module.

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